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Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=3; day=29; hr=9; min=20; sec=14; ms=948; ]

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## Validated By CRFValidator v 1.0.3

Application No: 10593799 Version No: 2.0

Input Set:

Output Set:

**Started:** 2010-03-22 11:41:54.758

Finished: 2010-03-22 11:41:56.292

**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 534 ms

Total Warnings: 4

Total Errors: 0

No. of SeqIDs Defined: 4

Actual SeqID Count: 4

Error code		Error Description
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W	213	Artificial or Unknown found in <213> in SEQ ID (2)
W	213	Artificial or Unknown found in <213> in SEQ ID (3)
W	213	Artificial or Unknown found in <213> in SEQ ID (4)

## SEQUENCE LISTING

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Ala	Thr	Gly	Ile 20	Arg	Ile	Pro	Leu	His 25	Arg	Val	Gln	Pro	Gly 30	Arg	Arg	
Ile	Leu	Asn 35	Leu	Leu	Arg	Gly	Trp 40	Arg	Glu	Pro	Ala	Glu 45	Leu	Pro	Lys	
Leu	Gly 50	Ala	Pro	Ser	Pro	Gly 55	Asp	Lys	Pro	Ile	Phe 60	Val	Pro	Leu	Ser	
Asn 65	Tyr	Arg	Asp	Val	Gln 70	Tyr	Phe	Gly	Glu	Ile 75	Gly	Leu	Gly	Thr	Pro 80	
Pro	Gln	Asn	Phe	Thr	Val	Ala	Phe	Asp	Thr	Gly	Ser	Ser	Asn	Leu	Trp	

Val	Pro	Ser	Arg 100	Arg	Cys	His	Phe	Phe 105	Ser	Val	Pro	Cys	Trp 110	Leu	His
His	Arg	Phe 115	Asp	Pro	Lys	Ala	Ser 120	Ser	Ser	Phe	Gln	Ala 125	Asn	Gly	Thr
Lys	Phe 130	Ala	Ile	Gln	Tyr	Gly 135	Thr	Gly	Arg	Val	Asp 140	Gly	Ile	Leu	Ser
Glu 145	Asp	Lys	Leu	Thr	Ile 150	Gly	Gly	Ile	Lys	Gly 155	Ala	Ser	Val	Ile	Phe 160
Gly	Glu	Ala	Leu	Trp 165	Glu	Pro	Ser	Leu	Val 170	Phe	Ala	Phe	Ala	His 175	Phe
Asp	Gly	Ile	Leu 180	Gly	Leu	Gly	Phe	Pro 185	Ile	Leu	Ser	Val	Glu 190	Gly	Val
Arg	Pro	Pro 195	Met	Asp	Val	Leu	Val 200	Glu	Gln	Gly	Leu	Leu 205	Asp	Lys	Pro
Val	Phe 210	Ser	Phe	Tyr	Leu	Asn 215	Arg	Asp	Pro	Glu	Glu 220	Pro	Asp	Gly	Gly
Glu 225	Leu	Val	Leu	Gly	Gly 230	Ser	Asp	Pro	Ala	His 235	Tyr	Ile	Pro	Pro	Leu 240
	Phe			245					250				_	255	
			260					265		_			270	_	Ala
Ala	Ile	Leu 275	Asp	Thr	Gly		280					285			Glu
		_			_	_	<b>-</b> 1 -	~1	C1v	т1 ~	Dro	T.🗀 11	T 🔾 11	1	~ 1
Ile	Arg 290	Ala	Leu	His	Ala	Ala 295	ITe	GIŸ	Gly	TTe	300	Lou	шеи	Thr	GIY

Phe Leu Leu Gly Gly Val Trp Phe Asn Leu Thr Ala His Asp Tyr Val

325 330 335

Ile Gln Thr Thr Arg Asn Gly Val Arg Leu Cys Leu Ser Gly Phe Gln 340 345 350

Ala Leu Asp Val Pro Pro Pro Ala Gly Pro Phe Trp Ile Leu Gly Asp 355 360 365

Val Phe Leu Gly Thr Tyr Val Ala Val Phe Asp Arg Gly Asp Met Lys 370 380

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Arg Glu Pro Ala Glu Leu Pro Lys Leu Gly Ala Pro Ser Pro Gly Asp 50 55 60

Lys Pro Ile Phe Val Pro Leu Ser Asn Tyr Arg Asp Val Gln Tyr Phe 65 70 80

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Ile	Lys	Gly	Ala	Ser 165	Val	Ile	Phe	Gly	Glu 170	Ala	Leu	Trp	Glu	Pro 175	Ser
Leu	Val	Phe	Ala 180	Phe	Ala	His	Phe	Asp 185	Gly	Ile	Leu	Gly	Leu 190	Gly	Phe
Pro	Ile	Leu 195	Ser	Val	Glu	Gly	Val 200	Arg	Pro	Pro	Met	Asp 205	Val	Leu	Val
Glu	Gln 210	Gly	Leu	Leu	Asp	Lys 215	Pro	Val	Phe	Ser	Phe 220	Tyr	Leu	Asn	Arg
Asp 225	Pro	Glu	Glu	Pro	Asp 230	Gly	Gly	Glu	Leu	Val 235	Leu	Gly	Gly	Ser	Asp 240
Pro	Ala	His	Tyr	11e 245	Pro	Pro	Leu	Thr	Phe 250	Val	Pro	Val	Thr	Val 255	Pro
			Gln 260					265					270		
		275	Ala				280					285			
Leu	11e 290	Thr	Gly	Pro	Thr	Glu 295	Glu	Ile	Arg	Ala	100 Leu	His	Ala	Ala	Ile

Gly Gly Ile Pro Leu Leu Thr Gly Glu Tyr Ile Ile Leu Cys Ser Glu

305 310 315 320

Ile Pro Lys Leu Pro Ala Val Ser Phe Leu Leu Gly Gly Val Trp Phe 325 330 335

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340 345 350

Arg Leu Cys Leu Ser Gly Phe Gln Ala Leu Asp Val Pro Pro Pro Ala 355 360 365

Gly Pro Phe Trp Ile Leu Gly Asp Val Phe Leu Gly Thr Tyr Val Ala 370 380

Val Phe Asp Arg Gly Asp Met Lys Ser Ser Ala Arg Val Gly Leu Ala 385 390 395 400

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